

October 1995

ANIMAL HEALTH REQUIREMENTS FOR IMPORTATION
OF BOVINE EMBRYOS FROM THE UNITED STATES
OF AMERICA TO INDONESIA

The embryos must be accompanied by a U.S. Origin Health Certificate issued by a veterinarian authorized by the U.S. Department of Agriculture (USDA) and endorsed by the Veterinary Services (VS). The certificate must contain the name and address of both the consignor and consignee and complete identification of the donor dam, donor sire, and the embryos. Additional information shall include:

I. CERTIFICATION STATEMENTS

1. The United States has been free from bovine spongiform encephalopathy, foot-and-mouth, rinderpest and contagious bovine pleuropneumonia for at least 12 months prior to the collection of semen and embryos. Vaccination against these diseases is prohibited in the United States.
2. No cases of the following diseases were known to exist on the farm of origin for the last 12 months; Johne's disease, leptospirosis, vibriosis, trichomoniasis, vesicular stomatitis, enzootic bovine leucosis, bluetongue and IBR/IPV (infectious bovine rhinotracheitis/infectious pustular vulvovaginitis) and vesicular exanthema.
3. Each donor animal has been resident in the Collection Center or the herd of origin for the whole of the 30 day period prior to the first collection of embryos for each consignment.
4. Each donor animal for embryos to Indonesia has been born and reared in the United States without travelling through any other country.
5. The Collection Center or herd of origin is under the supervision of an Accredited Veterinarian specifically approved by the USDA Veterinary Services.
6. The donor cows were inseminated with semen from a donor bull of equivalent health status as the donor female, or semen collected from bulls resident at the semen collection center under the supervision of a USDA Accredited Veterinarian.
7. During the embryos collection, each of the donor animals were in good health and free from clinical evidence of any infectious or contagious disease.
8. All donors originated from herds officially free of brucellosis and tuberculosis or tested as required under test requirements.

9. All the embryos were transferred through 5 washes of phosphate buffered saline containing bovine serum albumin, then through 2 washes that contained serum instead of bovine serum albumen. Each of the washes was a 100 fold dilution of the previous one, and a fresh sterile pipette was used for each of the transfers.
10. Any biological product of animals origin used in the collection, processing and storage of embryos have been sterilized by approved methods according to the IETS (International Embryo Transfer Society) Manual and handled in such a manner so as to assure that sterility is maintained.
11. All antibiotics added to the embryos in this consignment have been approved by a U.S. Government Agency.
12. The embryos have been collected, processed and stored under conditions which comply with standards laid down by International Animal Health Code of OIE and/or IETS.
13. All collection and processing of embryos for this consignment were the first performed on each day of collection.
14. Only embryos from the same donors were washed and treated together. After the last wash, each embryo was examined microscopically to ensure that its zona pellucida is intact and free from any adherent material.
15. The embryos should be stored only with embryos collected for export to Indonesia in either new and unused containers or disinfected containers.
16. The seals of the embryos storage containers were intact at time of export. The identification of straws or ampules of embryos is according to standards set forth in the IETS manual.

II. TEST REQUIREMENTS

The donor cows were negative to the following tests within 60 days prior to or up to 365 days after the collection of the embryos for exportation to Indonesia.

1. Tuberculosis : Intradermal caudal fold test using bovine PPD tuberculin.
2. Brucellosis : Standard tube or standard plate agglutination test at 1:50 dilution (less than 30 IU/ml).

NOTE : These test are not required if the certification statement No. 8 can be made on the health certificate.